

DEVICE FOR PURIFYING EXHAUST GAS FOR ENGINE

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ABSTRACT OF THE DISCLOSURE

10 A device, for purifying exhaust gas of an engine,
comprises a SO_x storage arranged in the exhaust passage
for temporarily storing SO_x contained in an exhaust gas
inflowing therein, and an auxiliary catalyst arranged in
the exhaust passage downstream of the SO_x storage, the
auxiliary catalyst having an oxidizing ability. When SO_x
stored in the SO_x storage is discharged therefrom with
15 the atmosphere of the auxiliary catalyst being in a
sulfate forming atmosphere, the atmosphere of the
auxiliary catalyst is changed to an atmosphere other than
the sulfate forming atmosphere. When SO_x stored in the
SO_x storage is discharged therefrom with the atmosphere
20 of the auxiliary catalyst being in an atmosphere other
than the sulfate forming atmosphere, the atmosphere of
the auxiliary catalyst is maintained at an atmosphere
other than the sulfate forming atmosphere.